

FIG. 1



Replacement Sheet

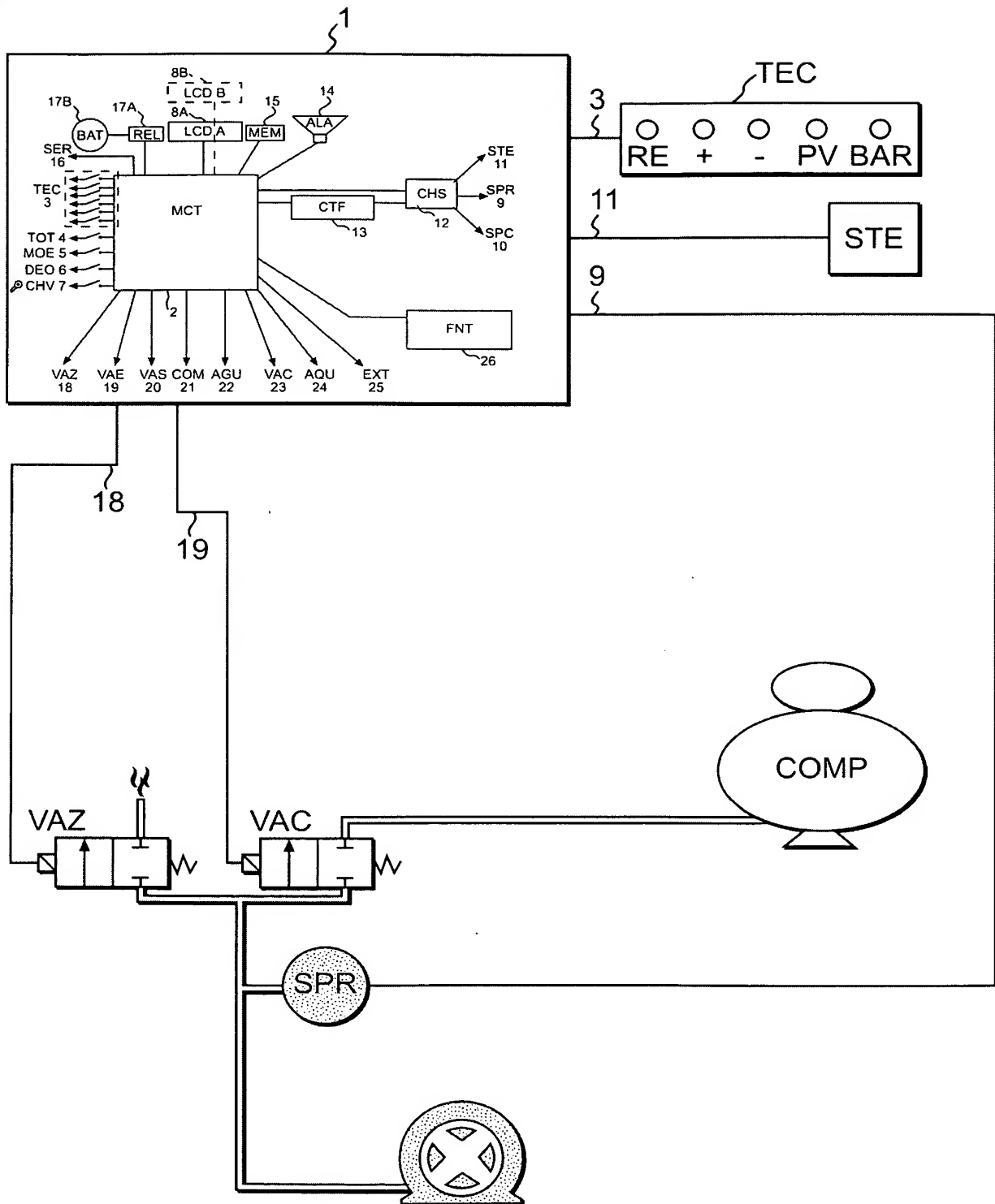


FIG. 2



Replacement Sheet

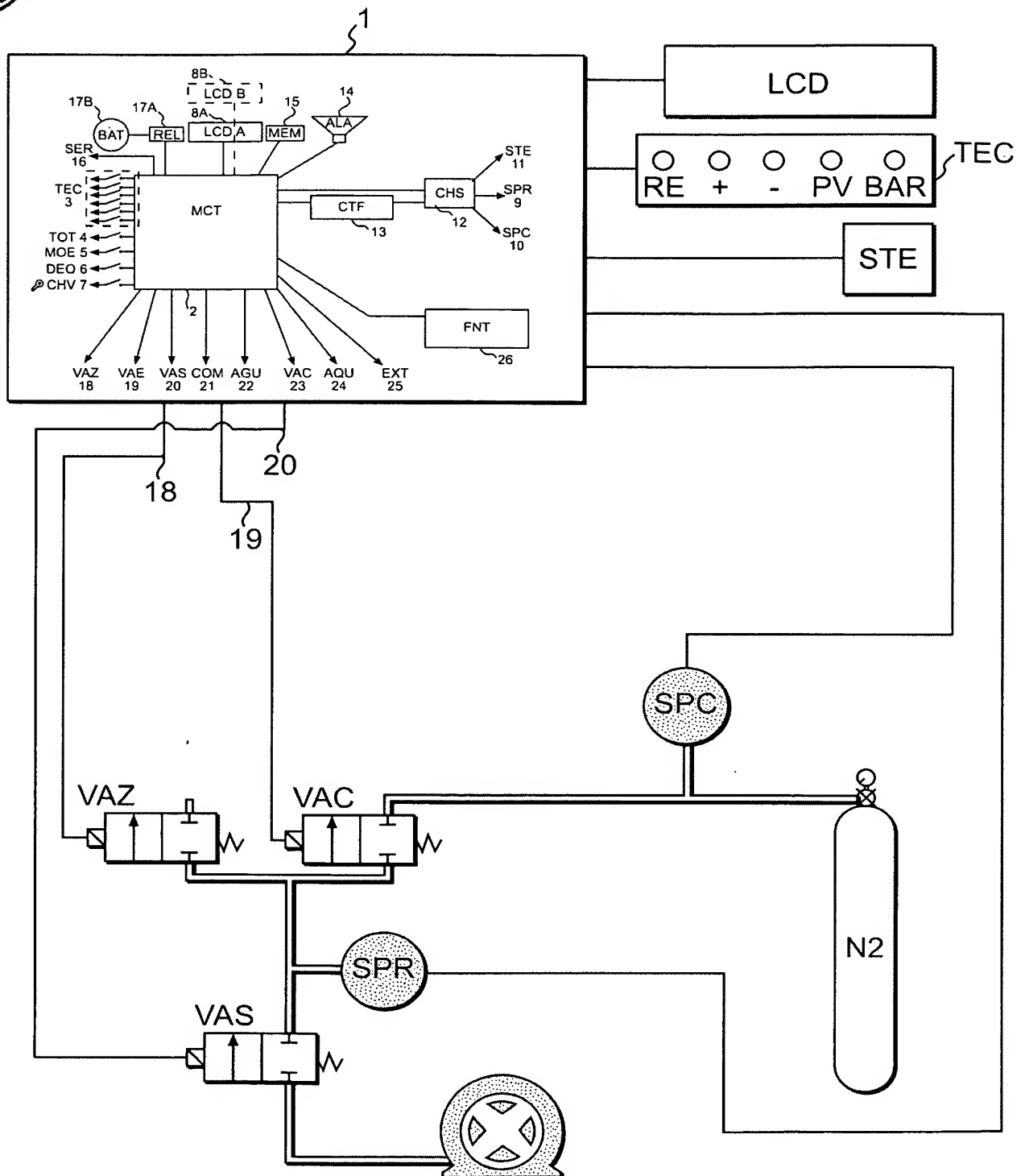


FIG. 3

Replacement Sheet

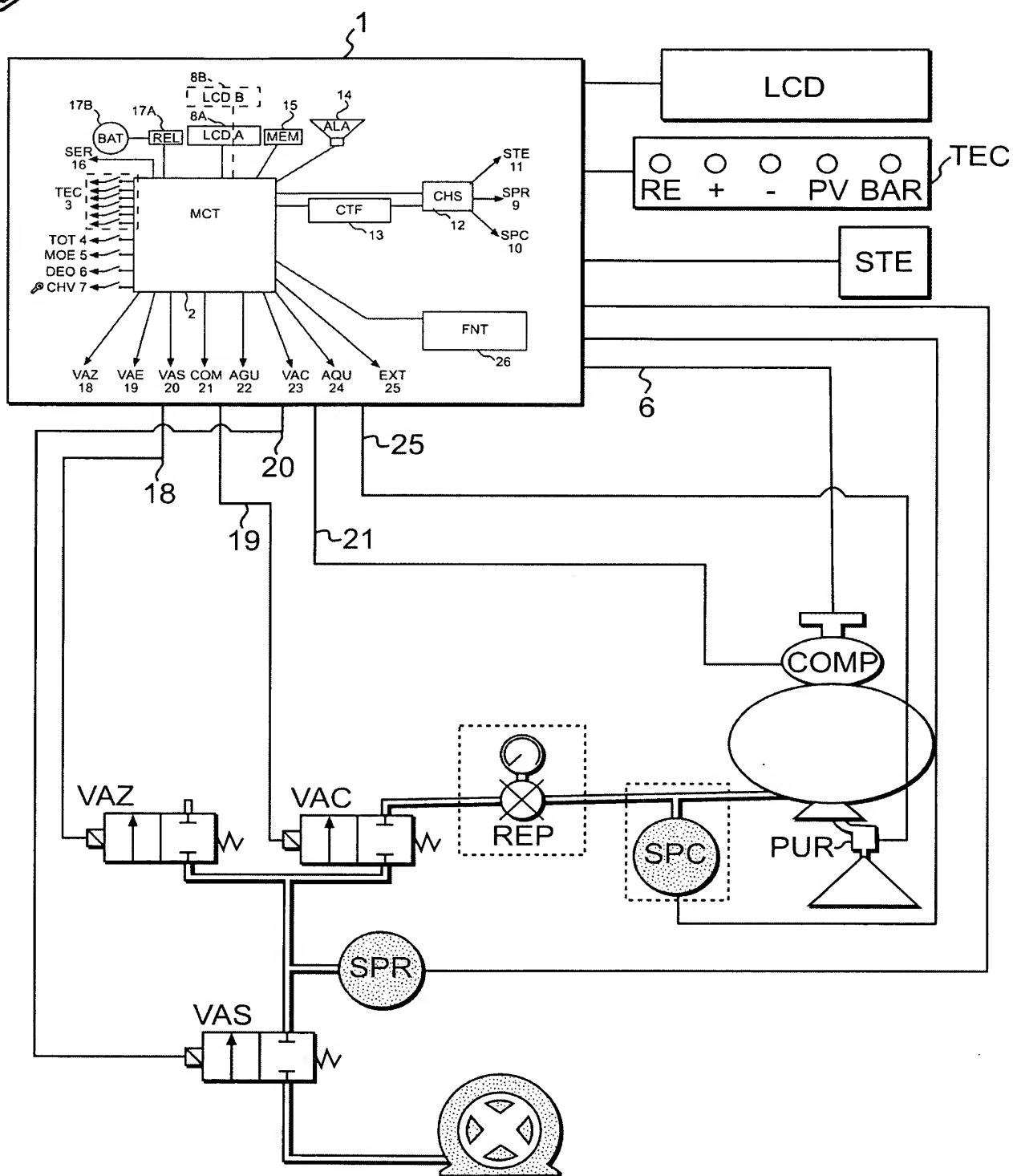


FIG. 4

Figure 1 is a block diagram of the control system for a water heating system. The diagram shows a central MCT (Microcontroller) connected to various sensors and actuators. The sensors include BAT (Battery), REL (Relay), LCD A (Liquid Crystal Display A), MEM (Memory), ALA (Alarm), SER (Serial), TEC (Temperature), TOT (Total), MOE (Master On/Off), DEO (Deionization), and CHV (Chlorine). The actuators include VAZ (Valve Actuator), VAE (Valve Actuator), VAS (Valve Actuator), COM (Control Module), AGU (Automatic Gas Valve), VAC (Valve Actuator), AOU (Automatic On/Off), and EXT (External). The MCT is also connected to a FNT (Furnace) and a CHS (Control Head) which outputs STE (Steam Temperature), SPR (Steam Pressure), and SPC (Steam Control) signals. The system includes a RT (Resistor Thermistor) and a COMP (Compressor) connected to a VAA (Valve Actuator) and a SPC (Solenoid Control) valve. The diagram is labeled with various components and their connections, including a legend for RE, +, -, PV, AR, VAC, and H2O.

[illegible]



Replacement Sheet

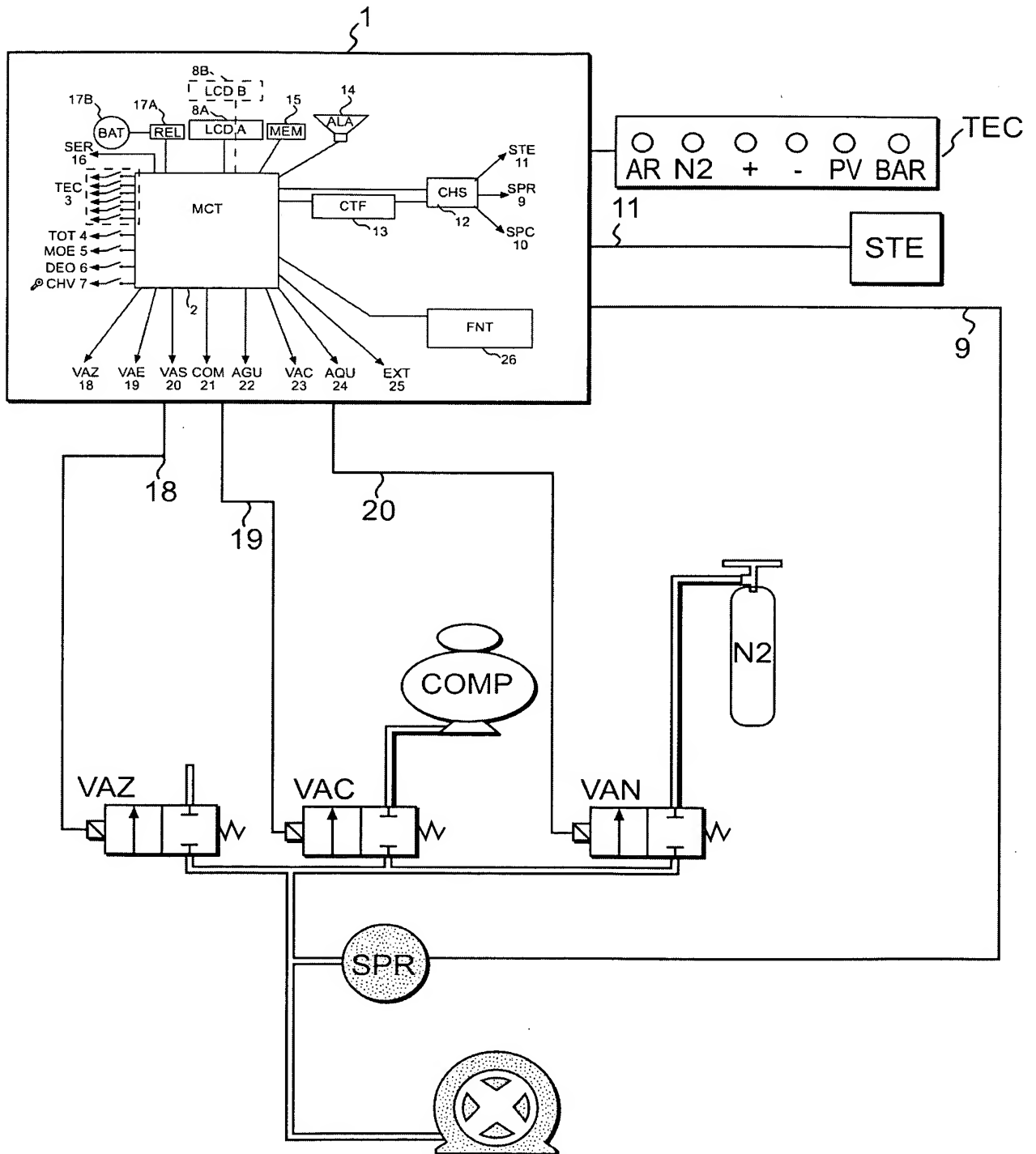


FIG. 7



Replacement Sheet

INDICATING TIME COUNTDOWN

FILLING – 2'15"
TIRE 20> 80 PSI

INDICATING TIME COUNTDOWN

FILLING – 1'30"
TIRE 20> 80 PSI

ONE MINUTE BEFORE THE END, A LOW BEEP
SOUNDS

FILLING – 1'00"
TIRE 20> 80 PSI

TIRE IS READY, A BEEP SOUNDS

READY – 0'00"
TIRE 20> 80 PSI

TOTAL TIME AND PRESSURE PRIOR TO THE
LAST FILLING

DURATION 2'15"
PREVIOUS 20> 80 PSI

WHEN PRESSING THE + OR – KEYS,
THE DISPLAYS RETURNS TO:

DESIRED PRESSURE
> 81 PSI

FIG. 8

WAITING FOR COIN

INSERT COIN
12/05 10:28 21°C

COIN INSERTED

INSERT COIN
0.25 0 MIN

COIN INSERTED

PRESS START KEY
0.50 3 MIN

START KEY

CHECK COMPRESSOR

FIG. 9



Replacement Sheet

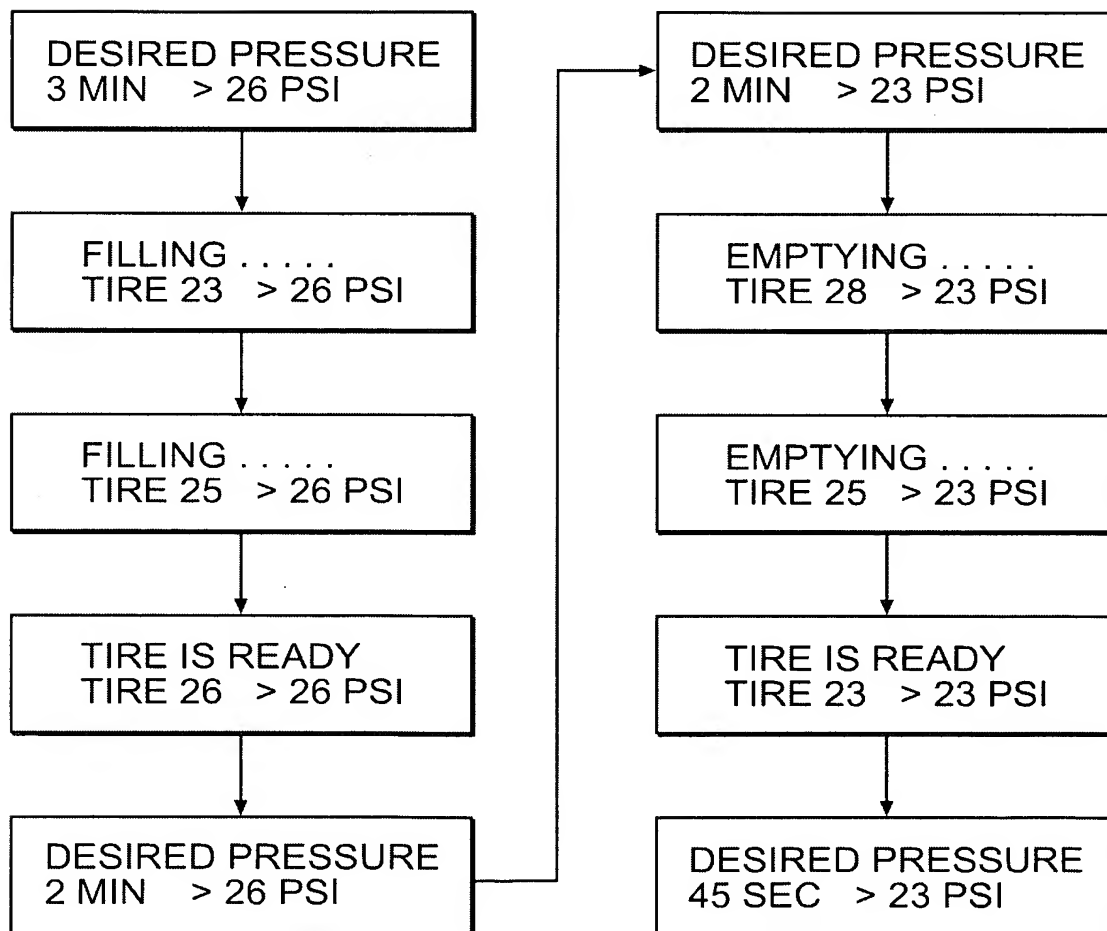
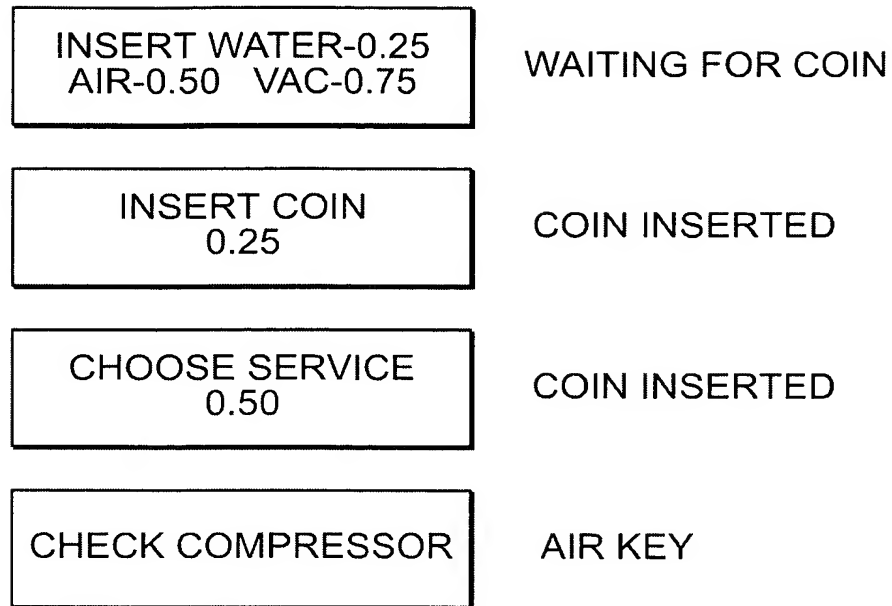


FIG. 10



Replacement Sheet

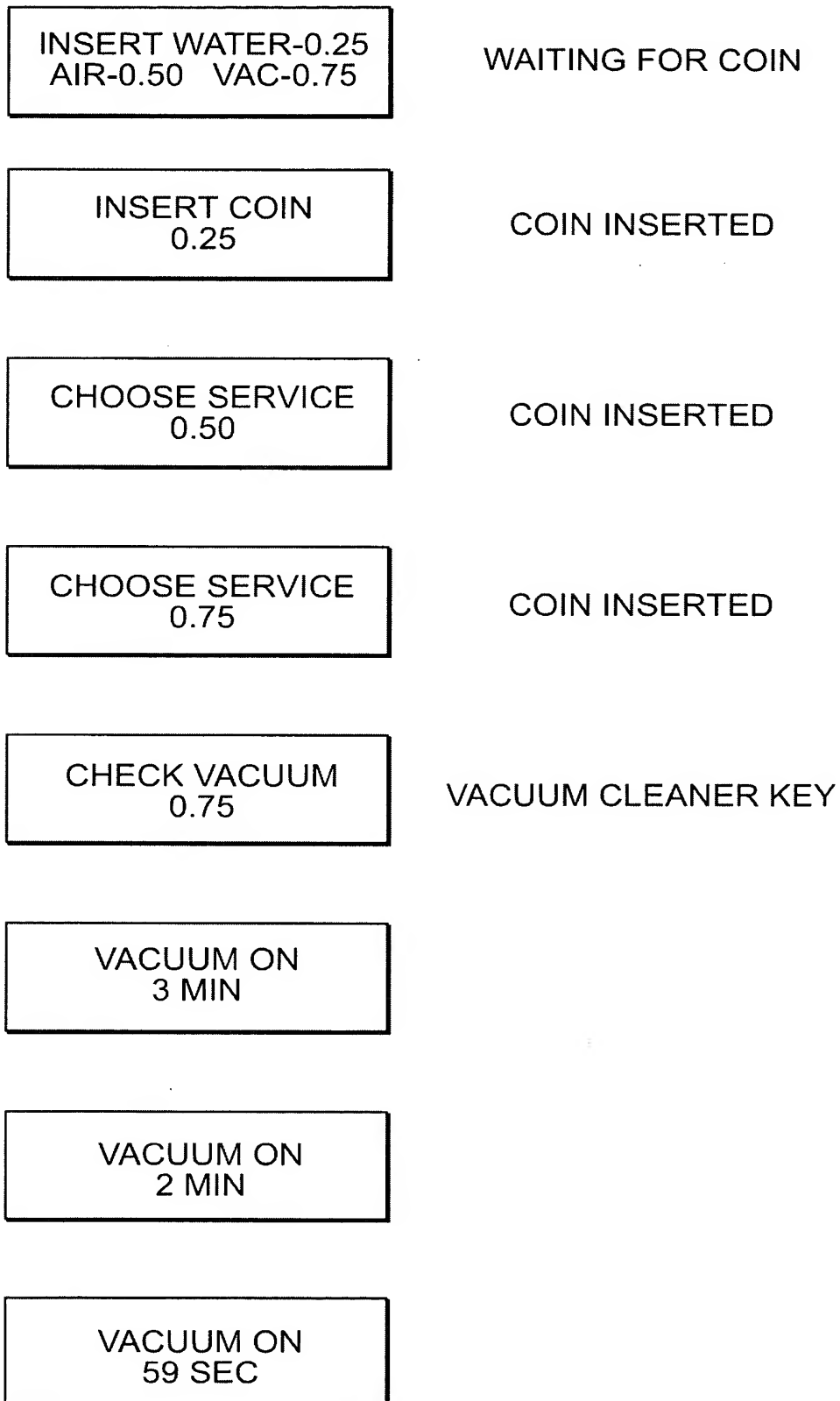


FIG. 11



Replacement Sheet

140+52+230+2862=3284
3=C 2=B 8=H 4=D
CBHD

DATE: 06/28/00
BHJFJJ

PASSWORD: CBHDBHJFJJ

06/28/00
#BBHDBHJFJJ#

P=140 V=52
M=230 GT=2862

FIG. 12

GAUGING EXPIRATION NOTICE

GAUGING EXPIRES
WITHIN 15 DAYS

CONTACT SERVICE

CONTACT FACTORY
PH: XXX-XXXX

EQUIPMENT BLOCKED

EXPIRED GAUGING
SYSTEM BLOCKED

RELEASED BY PASSWORD

ENTER YOUR PASSWORD
TO GAUGE THE SYSTEM

FIG. 13



Replacement Sheet

FIG. 14A

PRESS RESET
WELCOME

PRESS RESET
MM/DD HH:MM T°C

FIG. 14B

DESIRED PRESSURE
> 26 PSI

FIG. 14C

FILLING
TIRE=22 > 28 PSI

EMPTYING
TIRE=34 > 28 PSI

FIG. 14D

TIRE IS READY
PREVIOUS=22 > 28 PSI

FIG. 14E

EMPTY TIRE ON
TIRE=22 > 28 PSI

FIG. 14F

ERROR
TIRE NOT DETECTED

FIG. 14G

DISCONNECTED
TIRE=22 > 28 PSI

FIG. 14H

TIRES=158 PV=75
TOTAL=2590

#AIR=230
#N2=498 T=1862



Replacement Sheet

FIG. 14I

PRESS RESET
DISCONNECT TIRE

FIG. 14J

PRESS RESET
* EMERGENCY *

FIG. 14K

PRESS RESET
ER1 SEC. ON

PRESS RESET
ER2 S. PRESS. VAR.

FIG. 14L

EXPIRED. GAUGE
LAST – 03/25/96

FIG. 14M

SELECT AIR/N2
10/28 14:02 28°C

FIG. 14N

FRONT – 26 PSI
REAR – 28 PSI

FIG. 14O

PRESS RESET
MAX. PRESSURE – 60 PSI

FIG. 14P

PRESS RESET
AUTO ZERO ERROR

FIG. 14Q

PRESS RESET
ER3 COMPR. OIL



Replacement Sheet

PRESSURE SENSOR CHECKING

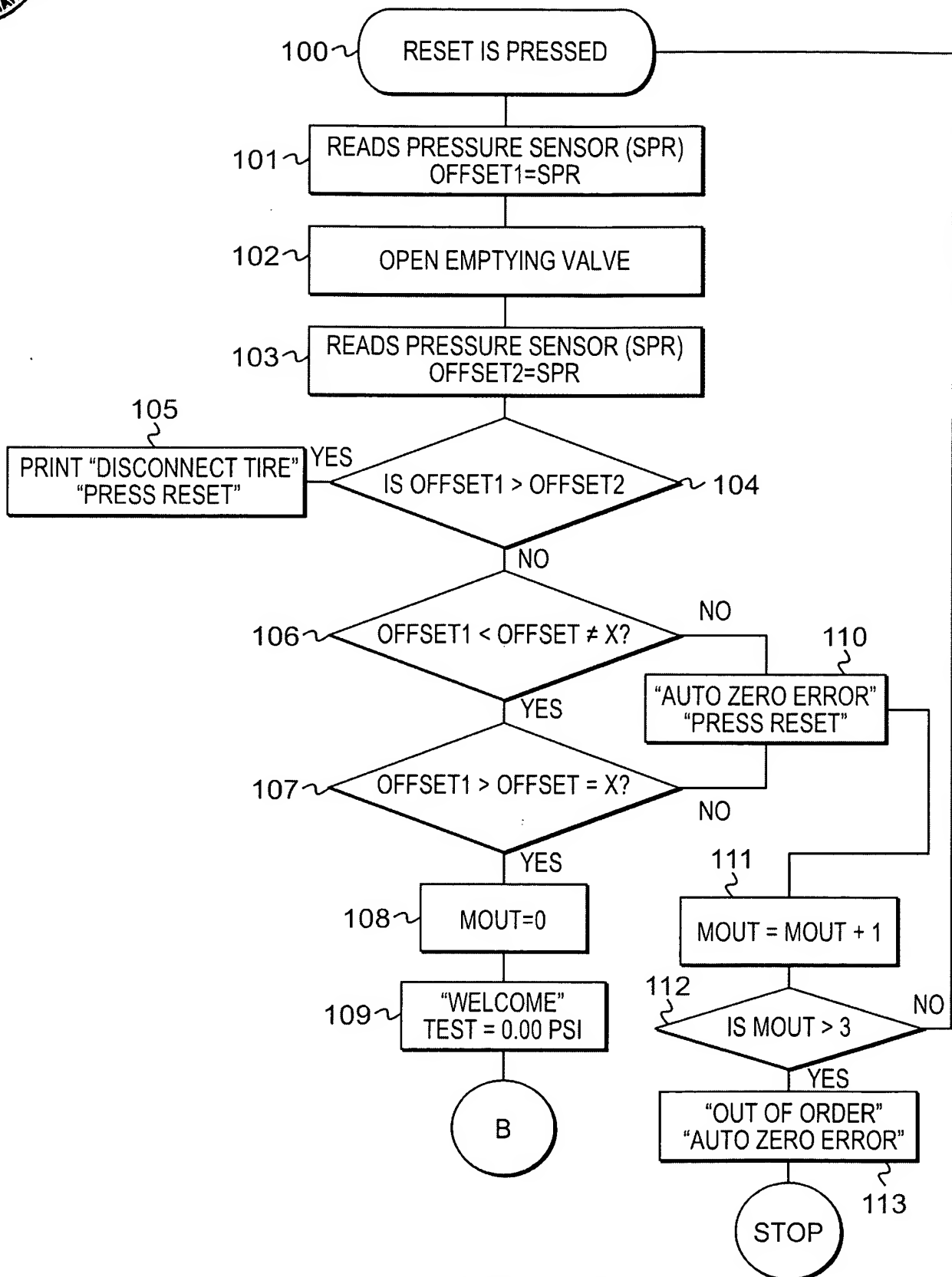


FIG. F2



Replacement Sheet

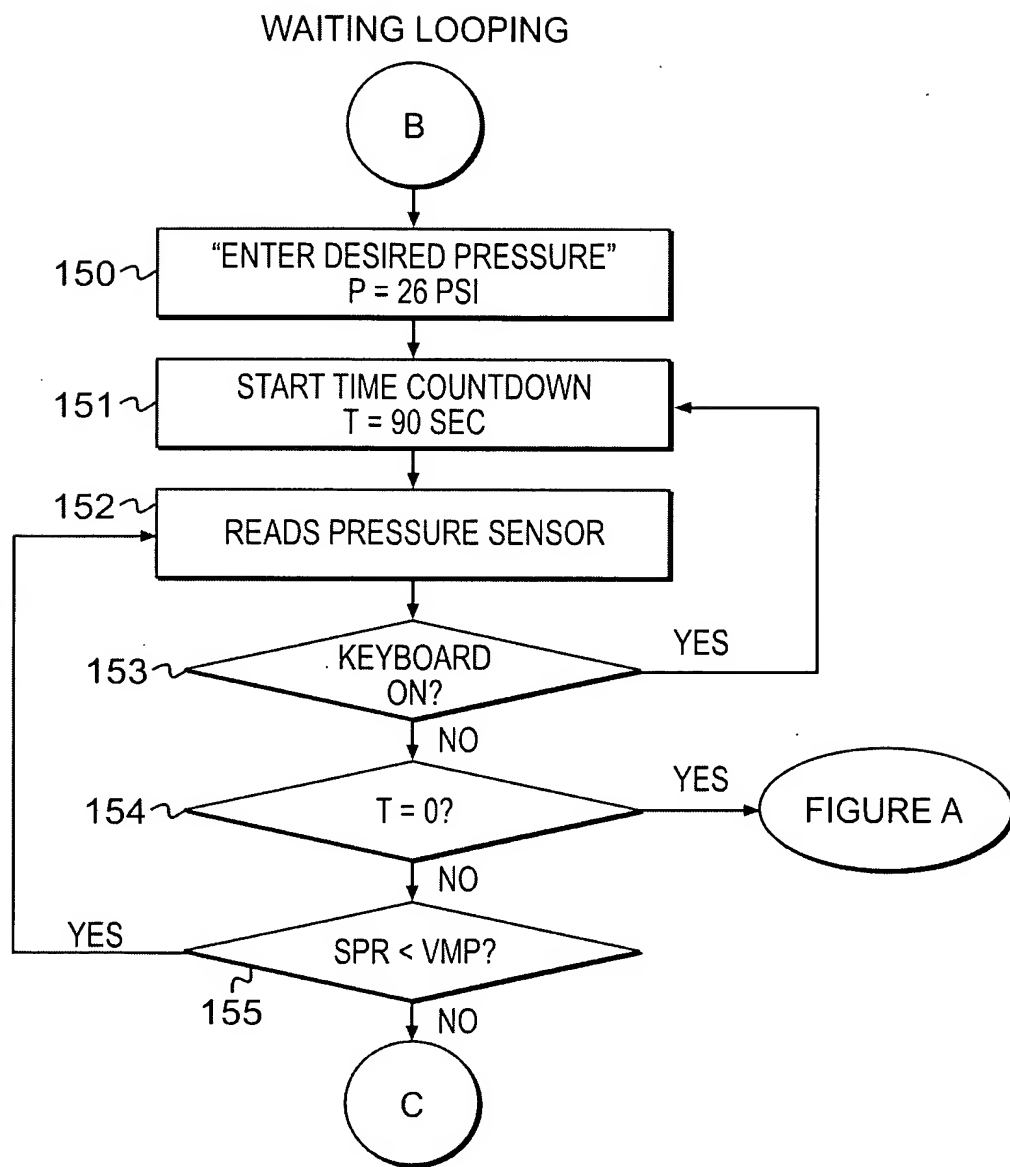


FIG. F3A



Replacement Sheet

EMPTY TIRE FUNCTION

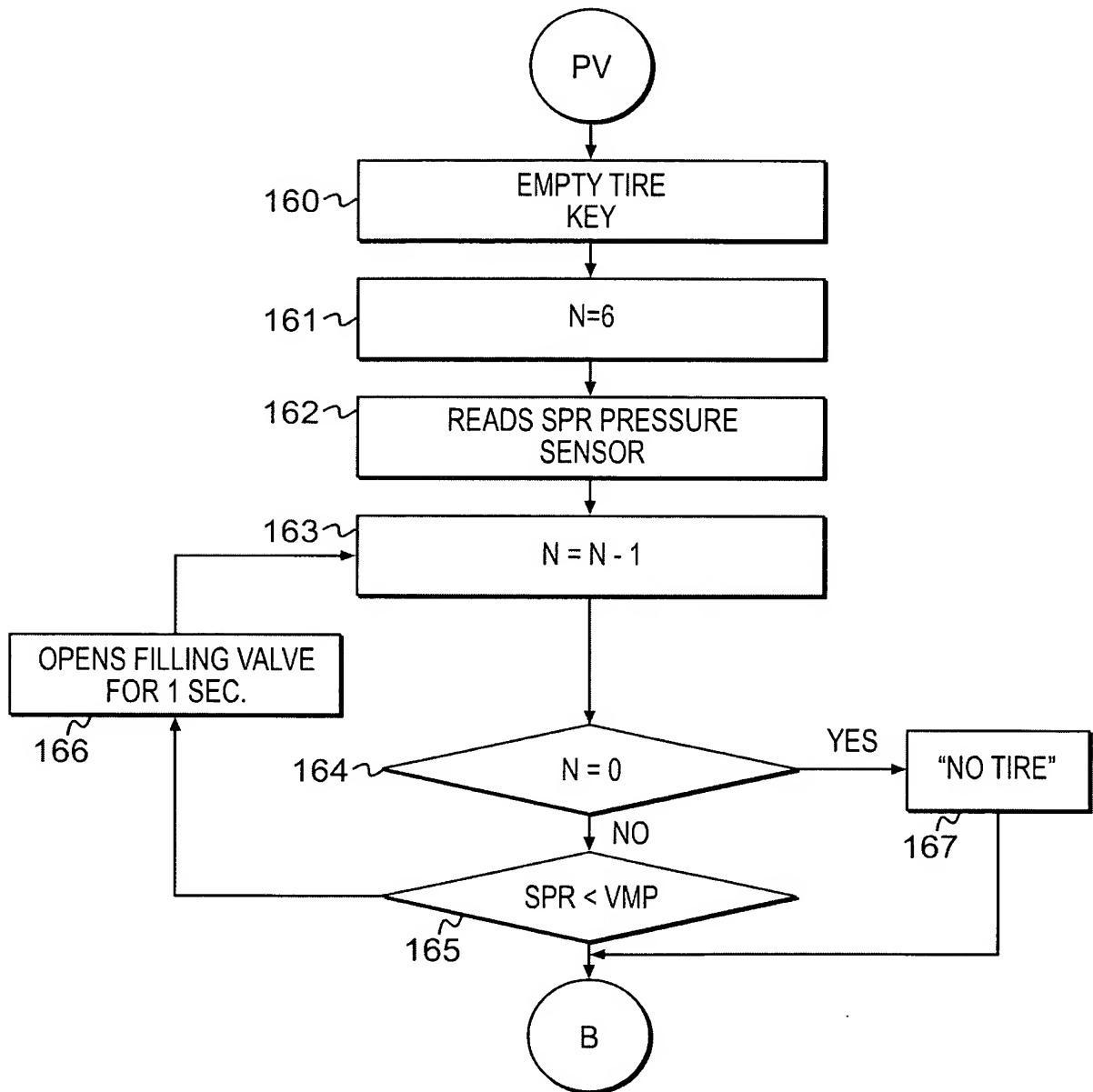


FIG. F3B



Replacement Sheet

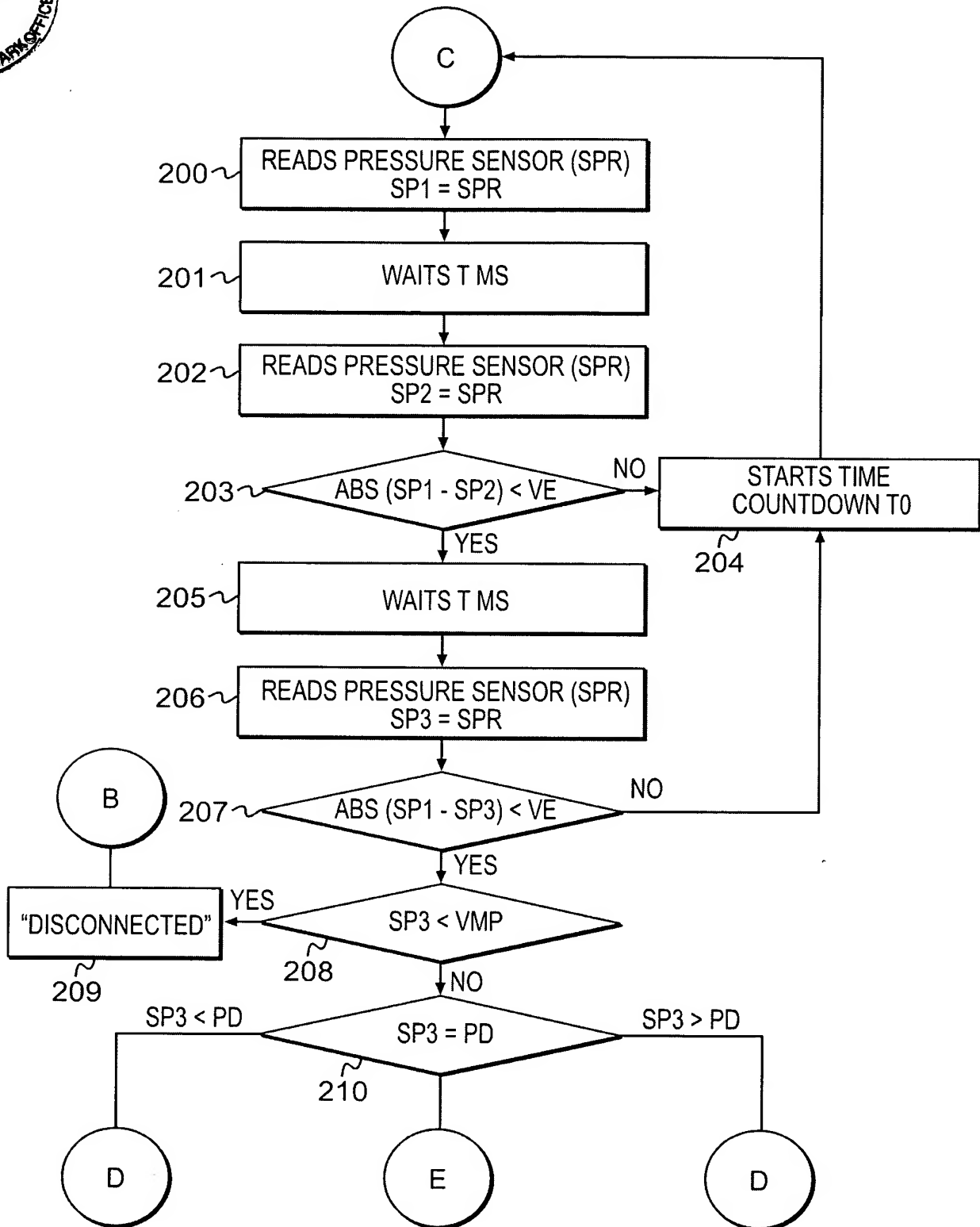


FIG. F4



Replacement Sheet

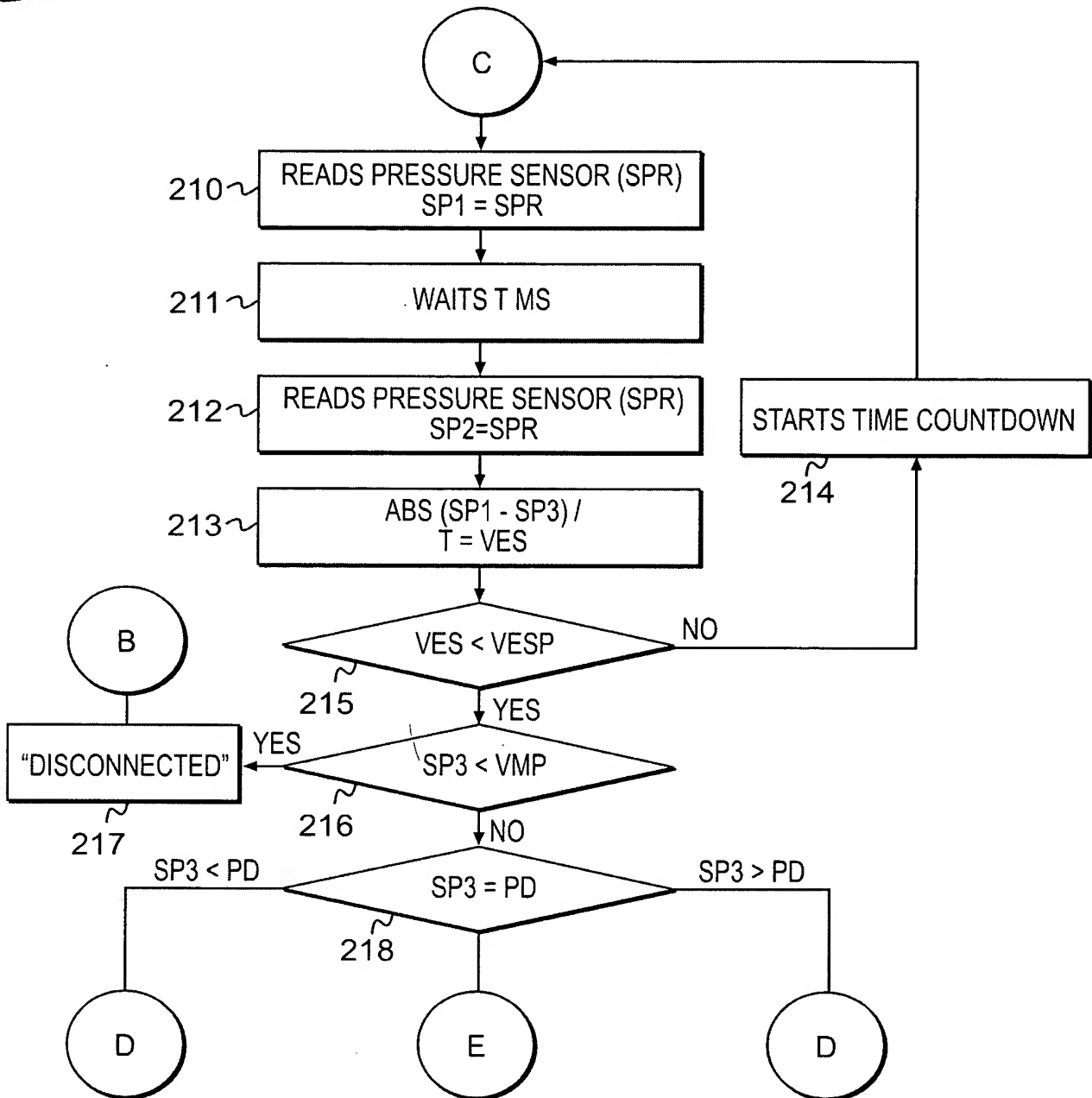
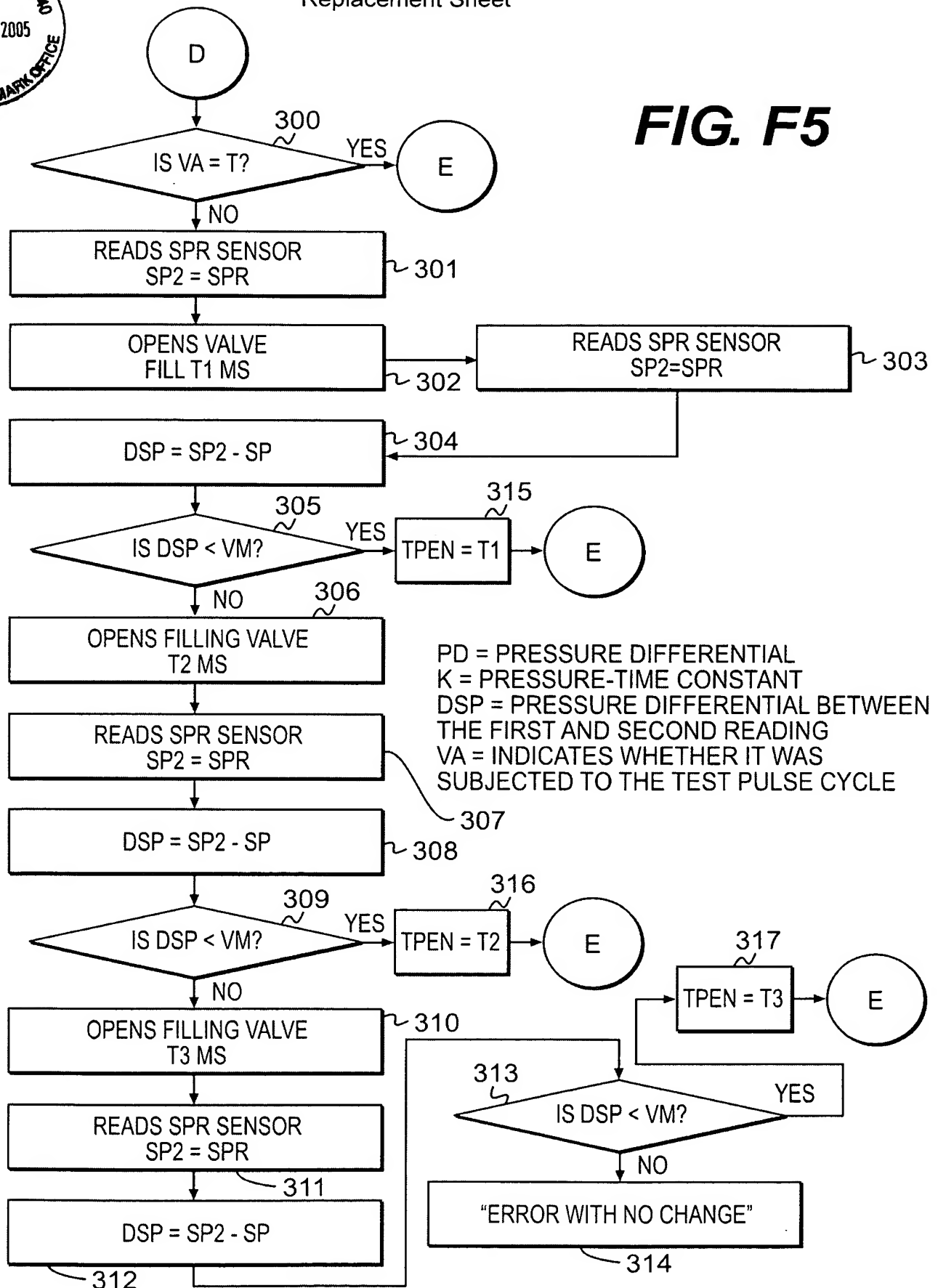


FIG. F4A



Replacement Sheet

FIG. F5





Replacement Sheet

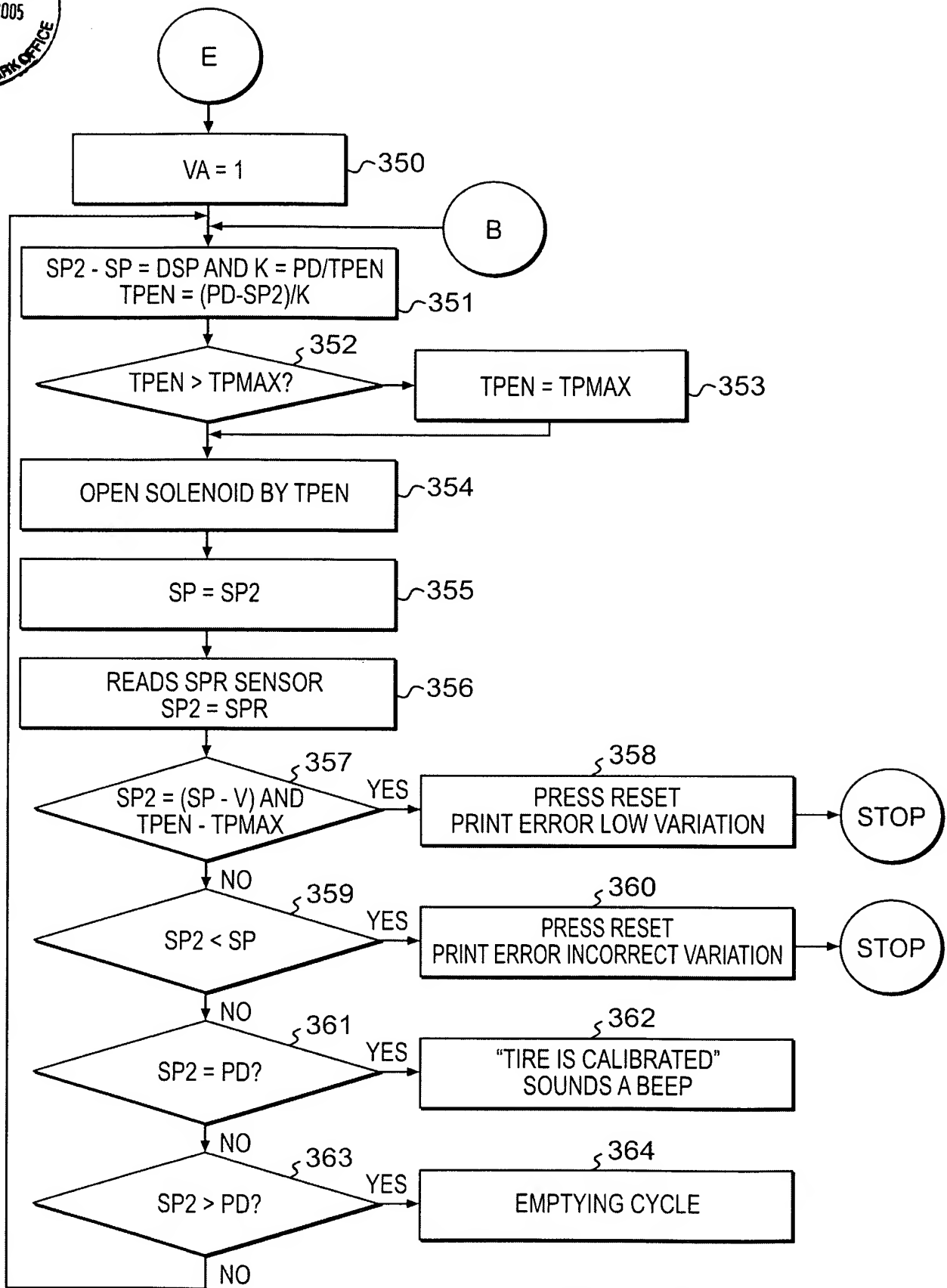


FIG. F6



Replacement Sheet

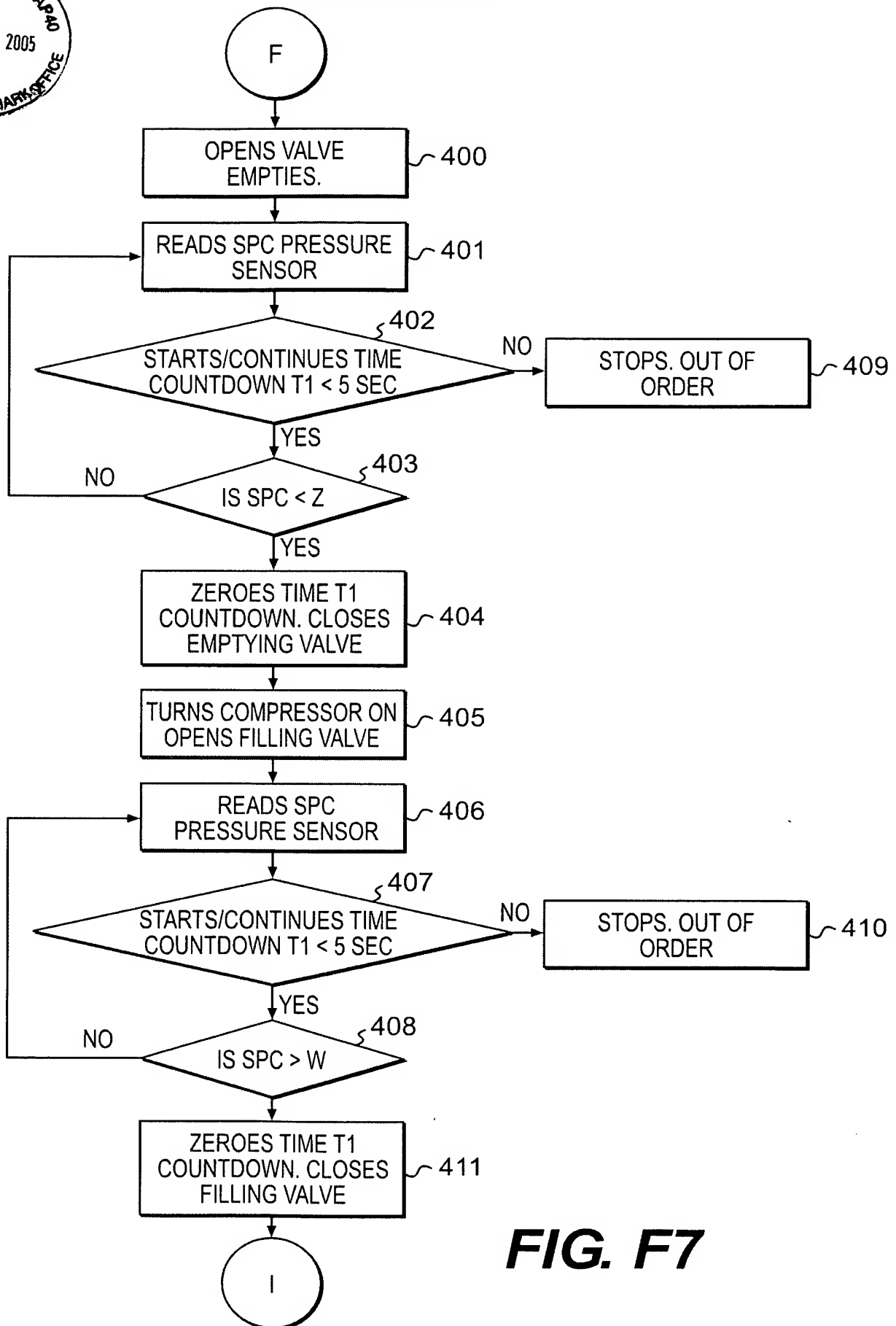


FIG. F7

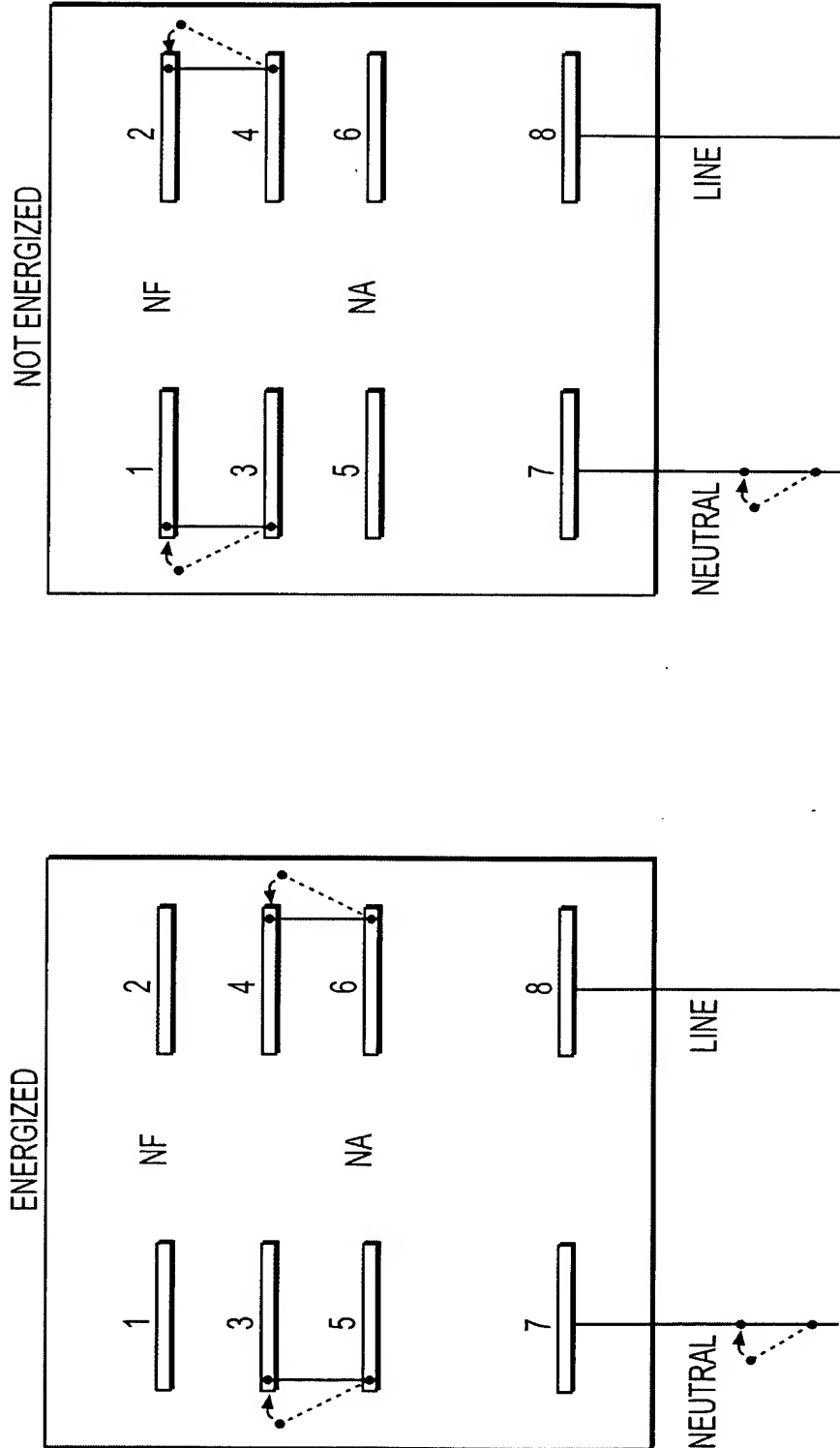


FIG. F12B

FIG. F12A

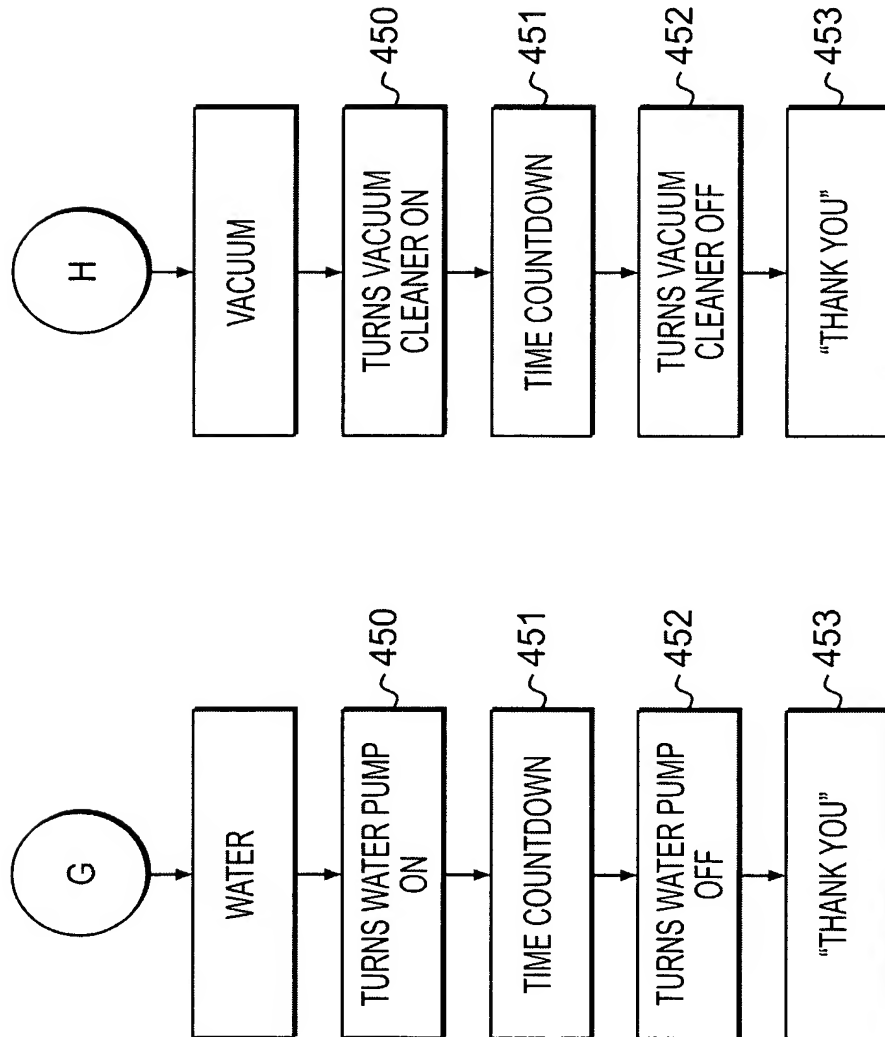


FIG. F8A

FIG. F8B

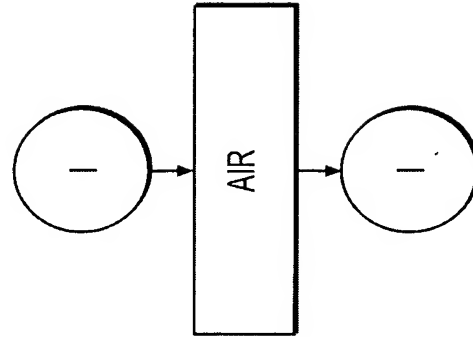


FIG. F8C



RETAINING INFLATOR

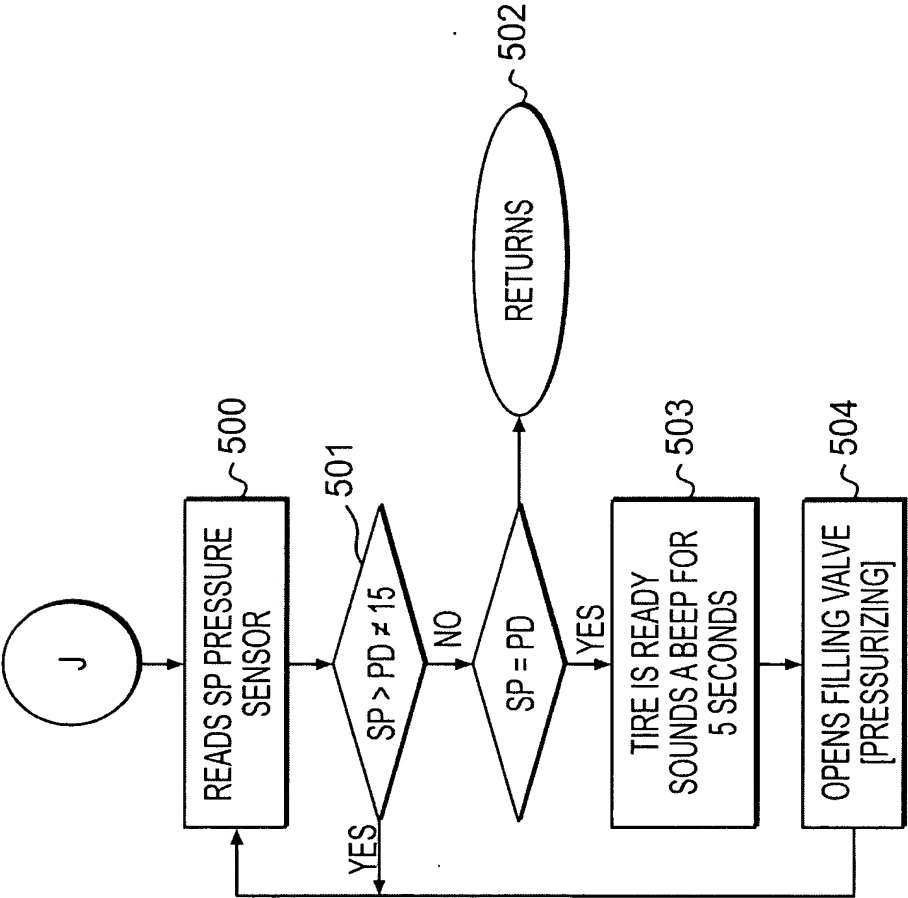


FIG. F9

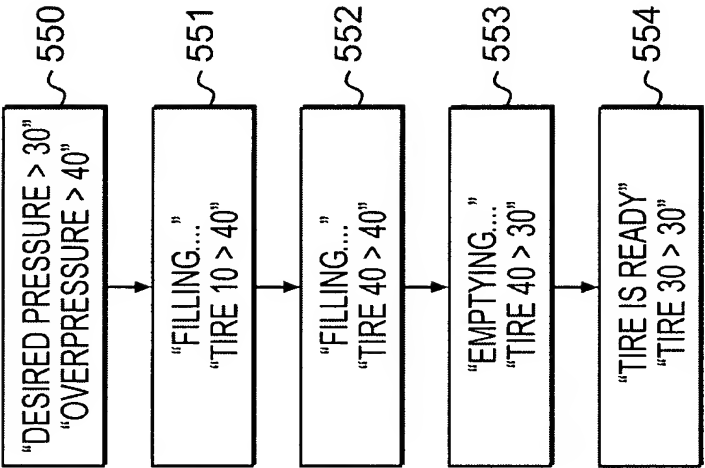


FIG. F10



EMERGENCY HARDWARE

- 1 - LINE (A/C) NETWORK
- 2 - NOTHING
- 3 - CONNECTING EMPTYING VALVE
- 4 - LINE (A/C) NETWORK
- 5 - EMPTYING BOARD OUTLET (A/C)
- 6 - CONNECTING OUTLET (A/C) TO FEED THE CALIBRATOR SOURCE

